

Please amend the claims as follows:

1. (Amended) A composition comprising an isolated polynucleotide encoding an amino-terminal-modified chemokine, wherein the amino-terminal-modified chemokine comprises at least one methionine, at least one aminooxypentane residue, or at least one GroHEK peptide covalently attached to the amino terminus of the chemokine, and wherein the chemokine is selected from the group consisting of SDF-1 α , SDF-1 β , IP-10, Mig, GRO α , GRO β , GRO γ , interleukin-8, PF4, ENA-78, GCP-2, PBP, CTAP-III, β -thromboglobulin, NAP-2, C10, DC-CK1, CK α 1, CK α 2, MCP-1, MCP-2, MCP-3, MCP-4, MIP-1 α , MIP-1 β , lymphotactin, ATAC, eotaxin, eotaxin-2, I-309, HCC-1, HCC-2, HCC-3, LARC/MIP-3 α , MIP-3 β , PARC, TARC, 6Ckine, ELC, SLC, CK β 4, CK β 6, CK β 7, CK β 8, CK β 9, CK β 11, CK β 12, CK β 13, and CX3C.

5. (Amended) A composition comprising an isolated polynucleotide encoding an amino-terminal-modified chemokine, wherein the amino-terminal-modified chemokine comprises at least one methionine, at least one aminooxypentane residue, or at least one GroHEK peptide covalently attached to the amino terminus of the chemokine, and wherein the amino-terminal-modified chemokine is derived from a chemokine selected from the group consisting of SDF-1 α , SDF-1 β , IP-10, Mig, GRO α , GRO β , GRO γ , interleukin-8, PF4, ENA-78, GCP-2, PBP, CTAP-III, β -thromboglobulin, NAP-2, C10, DC-CK1, CK α 1, CK α 2, MCP-1, MCP-2, MCP-3, MCP-4, MIP-1 α , MIP-1 β , [RANTES,] lymphotactin, ATAC, eotaxin, eotaxin-2, I-309, HCC-1, HCC-2, HCC-3, LARC/MIP-3 α , MIP-3 β , PARC, TARC, 6Ckine, ELC, SLC, CK β 4, CK β 6, CK β 7, CK β 8, CK β 9, CK β 11, CK β 12, CK β 13, and CX3C.

REMARKS